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*           W E L C O M E   T O   T H E
*           U . S .   P A T E N T   T E X T   F I L E
* * * * *
=> s complement receptor 1
    29419 COMPLEMENT
    16478 RECEPTOR
    1912009 1

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L1           5 COMPLEMENT RECEPTOR 1
             (COMPLEMENT(W)RECEPTOR(W)1)

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=> d 11 1-5

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1. 5,403,713, Apr. 4, 1995, Antibodies specific for ELAM-1 and the use thereof; Michael P. Bevilacqua, et al., 435/7.1; 424/152.1, 153.1; 436/504, 512; 530/388.22, 391.3 [IMAGE AVAILABLE]
2. 5,256,642, Oct. 26, 1993, Compositions of soluble **complement** **receptor** **1** (CR1) and a thrombolytic agent, and the methods of use thereof; Douglas T. Fearon, et al., 514/8; 424/94.63, 94.64; 435/215, 216; 514/2; 530/350 [IMAGE AVAILABLE]
3. 5,252,216, Oct. 12, 1993, Protein purification; Gail Polena-Wasserman, et al., 210/635, 656; 530/380, 413, 416, 417, 420 [IMAGE AVAILABLE]
4. 5,081,034, Jan. 14, 1992, Cloned genes which encode ELAM-1; Michael P. Bevilacqua, et al., 435/252.33, 240.2, 252.3, 320.1; 514/44; 536/23.5; 935/9, 70, 71, 72 [IMAGE AVAILABLE]
5. 4,883,784, Nov. 28, 1989, Human complement factors and their therapeutic use; Isao Kaneko, 514/8; 424/94.63, 94.65, 94.66, 94.67; 514/2, 21; 530/380, 392, 393, 394, 413, 829, 830, 831 [IMAGE AVAILABLE]

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=> s 11 and substitution? and (variant? or mutein? or mutant?)
    85087 SUBSTITUTION?
    48523 VARIANT?
    236 MUTEIN?
    6135 MUTANT?

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L2           1 L1 AND SUBSTITUTION? AND (VARIANT? OR MUTEIN? OR
MUTANT?)

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=> s 11 and ((amino acid?)p(substitut? or replac?))
MISSING OPERATOR 'ACID?)P(SUBSTITUT'

```

=> s 11 and ((amino acid?)(p)(substitut? or replac?))

119412 AMINO

370562 ACID?

32704 AMINO ACID?

(AMINO(W)ACID?)

332140 SUBSTITUT?

470394 REPLAC?

7669 (AMINO ACID?)(P)(SUBSTITUT? OR REPLAC?)

L3 1 L1 AND ((AMINO ACID?)(P)(SUBSTITUT? OR REPLAC?))

=> s 12 or 13

L4 1 L2 OR L3

=> d 14

1. 5,256,642, Oct. 26, 1993, Compositions of soluble
complement **receptor** **1** (CR1) and a thrombolytic agent,
and the methods of use thereof; Douglas T. Fearon, et al., 514/8;
424/94.63, 94.64; 435/215, 216; 514/2; 530/350 [IMAGE AVAILABLE]

=> s (CR1 or (CR(w)1)) and complement and (binding domain?)

2951 CR1

48012 CR

1912009 1

937 CR(W)1

29419 COMPLEMENT

75542 BINDING

22122 DOMAIN?

490 BINDING DOMAIN?

(BINDING(W)DOMAIN?)

L5 13 (CR1 OR (CR(W)1)) AND COMPLEMENT AND (BINDING
DOMAIN?)

=> s 15 and 1994-1995/py

155483 1994-1995/PY

L6 4 L5 AND 1994-1995/PY

=> d 16 1-4

1. 5,378,464, **Jan. 3, 1995**, Modulation of inflammatory
responses by administration of GMP-140 or antibody to GMP-140;
Rodger P. McEver, 424/143.1; 514/8 [IMAGE AVAILABLE]

2. 5,374,548, **Dec. 20, 1994**, Methods and compositions for
the attachment of proteins to liposomes using a glycopospholipid
anchor; Ingrid W. Caras, 424/450; 435/69.7; 436/829 [IMAGE
AVAILABLE]

3. 5,334,584, **Aug. 2, 1994**, Recombinant, non-glycosylated
bpi protein and uses thereof; Randal W. Scott, et al., 514/12, 21
[IMAGE AVAILABLE]

4. 5,308,834, **May 3, 1994**, Treatment of endotoxin-associated shock and prevention thereof using a BPI protein; Randal W. Scott, et al., 514/12, A, 21 [IMAGE AVAILABLE]

=> d his

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L1 5 S COMPLEMENT RECEPTOR 1
L2 1 S L1 AND SUBSTITUTION? AND (VARIANT? OR MUTEIN?
OR MUTANT?)
L3 1 S L1 AND ((AMINO ACID?) (P) (SUBSTITUT? OR
REPLAC?)) L4 1 S L2 OR L3
L5 13 S (CR1 OR (CR(W)1)) AND COMPLEMENT AND (BINDING
DOMAIN?) L6 4 S L5 AND 1994-1995/PY

=> log y

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OK

ATH

OK

5,212,071

320.1

69.1

252.3